



PATENT: 06314 USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

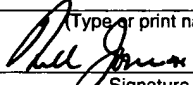
IN RE APPLI-
CATION OF : Christopher Richard Haben

SERIAL NO. : 10/719,297 : GRP. ART UNIT: 1724

FILED : 11/21/2003 : EXAMINER:

FOR : Regeneration of a Temperatrue Swing Adsorber for an Air
Separation Unit by Means of a Heating System Mounted Inside an
Adsorber Nozzle

Commissioner for Patents
P.O. Box 1450
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UNDER 37 C.F.R. 1.97(b)

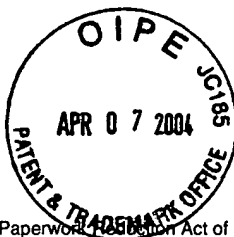
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Respectfully submitted,



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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/719,297
				Filing Date	11/21/2003
				First Named Inventor	Christopher Richard Haben
				Art Unit	1724
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	06314 USA

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4 601 114	22 July 1986	Haruo Noguchi	Column 3, line 6; Column 10, line 3; figures 2-6A
		US- 5 768 987	23 June 1998	Donald D. Rainville et	Column 3, line 6; column 10, line 3; figures 1,2
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		GB 1 469 720	04/06/1977	Chemie Und Filter GmbH Verfahrenstechnik KG)	Page 2, line 33- line 87; figure 1	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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